Philips Brilliance
LCD monitor

19"
SXGA

Brilliance

190P7ES

Super display designed for demanding professionals

Perfect for Finance and Business users, with a full range of productivity-enhance features, SmartManage remote management, ergonomic and lead-free design, the 190P7 delivers superb display with the lowest total cost of ownership.

Outstanding front of screen performance
- 5ms fast response time
- SXGA 1280 x 1024 resolution for sharper display

Best total cost of ownership solution
- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management

Maximum comfort for maximum productivity
- 90 degree screen rotation and smart cable management
- Tilt and swivel adjustment for an ideal viewing angle
- Brightness automatically adjusts to ambient light

Great convenience
- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections
- Dual DVI for better support of multiple PC source input
- Embedded power supply eliminates external power adaptors

PHILIPS
sense and simplicity

LCD monitor
19" SXGA

190P7ES/10

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19"/ 48 cm
- Effective viewing area: 376.3 x 301.1 mm
- Pixel pitch: 0.294 x 0.294 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- Display colors: 16.7 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75Hz (digital input)
- Optimum Resolution: 1280 x 1024 @ 60Hz (digital input)
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: 2 x DVI-I
- USB: USB 2.0 x 2
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- User convenience: On-screen Display, SmartBright, SmartManage enabled
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Input, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 45°
- Tilt: -5° to 25°
- Pivot: 90° (counter-clockwise)
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 510 x 511 x 248 mm
- Box dimensions in inch (W x H x D): 20.1 x 20.1 x 9.8 inch
- Set dimensions (W x H x D): 429.6 x 347 x 66.6 mm
- Set dimensions in inch (W x H x D): 16.8 x 13.7 x 2.6 inch
- Set dimensions with stand (W x H x D): 429.6 x 414 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 16.8 x 16.3 x 8.5 inch
- Height adjustment range: 130 mm
- Height adjustment range (inch): 5.1 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 8.2 kg
- Product weight (+stand) (lb): 18.1 lb
- Weight incl. Packaging: 10.0 kg
- Weight incl. Packaging (lb): 23.1

Power
- Complies with: Energy Star
- Consumption (On mode): 40 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Super Ergo Base
The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

SmartBright
SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eyestrain fatigue - all without the bother of manually adjusting display brightness as room lighting conditions change.

SmartControl
PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

Dual DVI input
The ability to switch among input from multiple PC sources on a single display rather than employing a separate monitor for each PC. Dual DVI input is especially useful with professional applications. A hot-key switches display among available computer inputs without the need to change cables.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

Issue date 2009-01-29
Version: 2.0.3
12 NC: 8670 000 31389
EAN: 87 12581 34475 7

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com